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FIG. 1

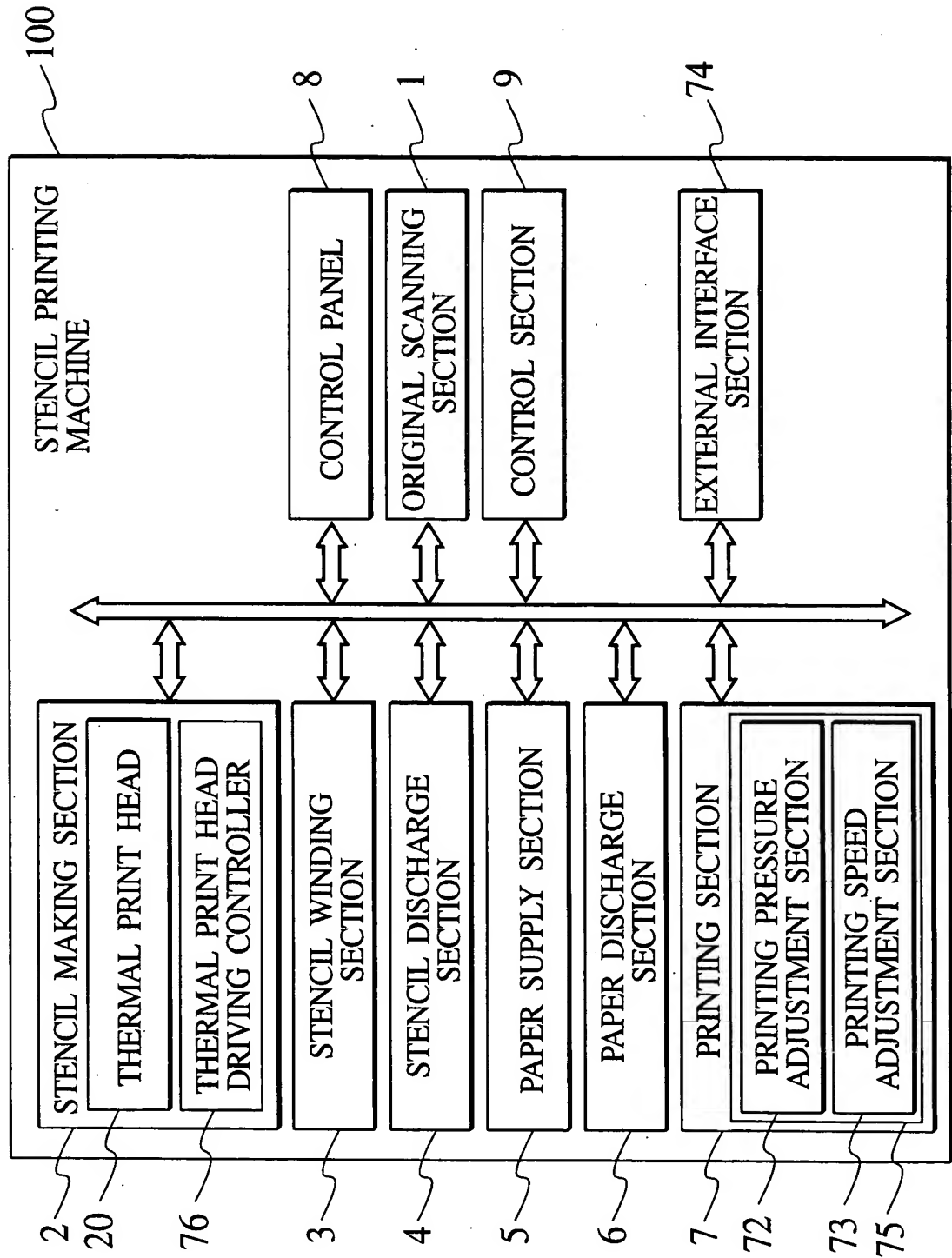
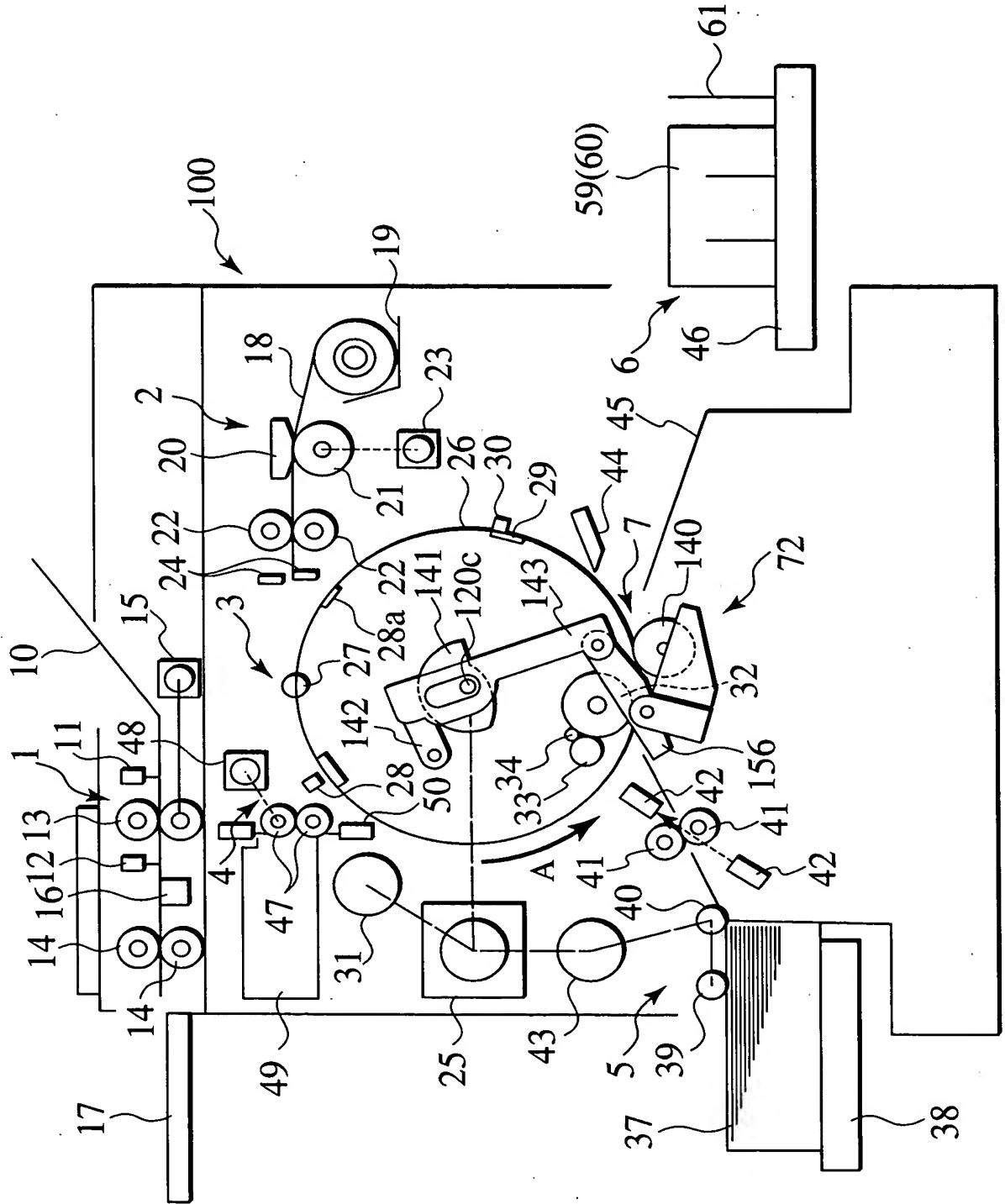
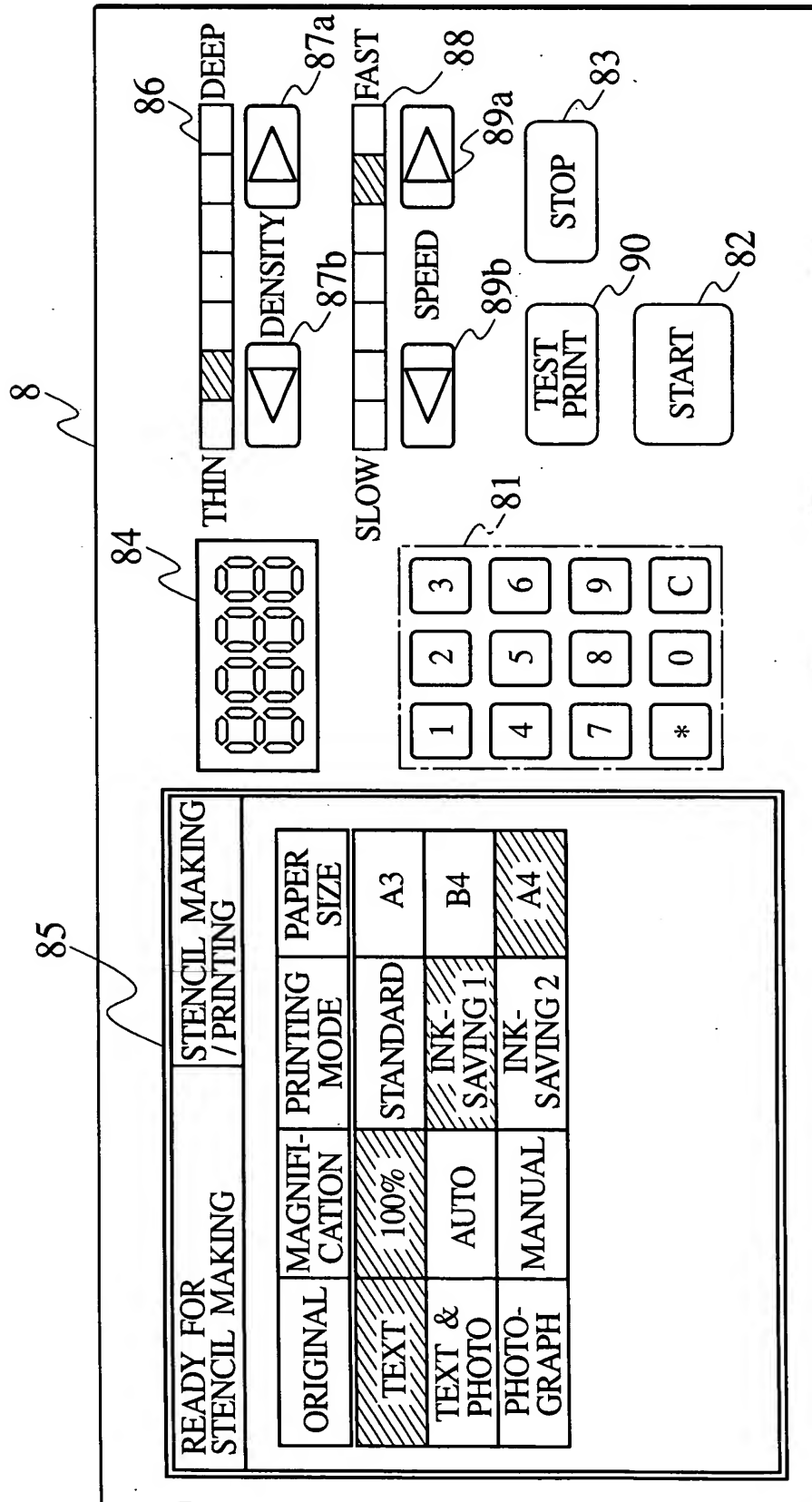


FIG. 2



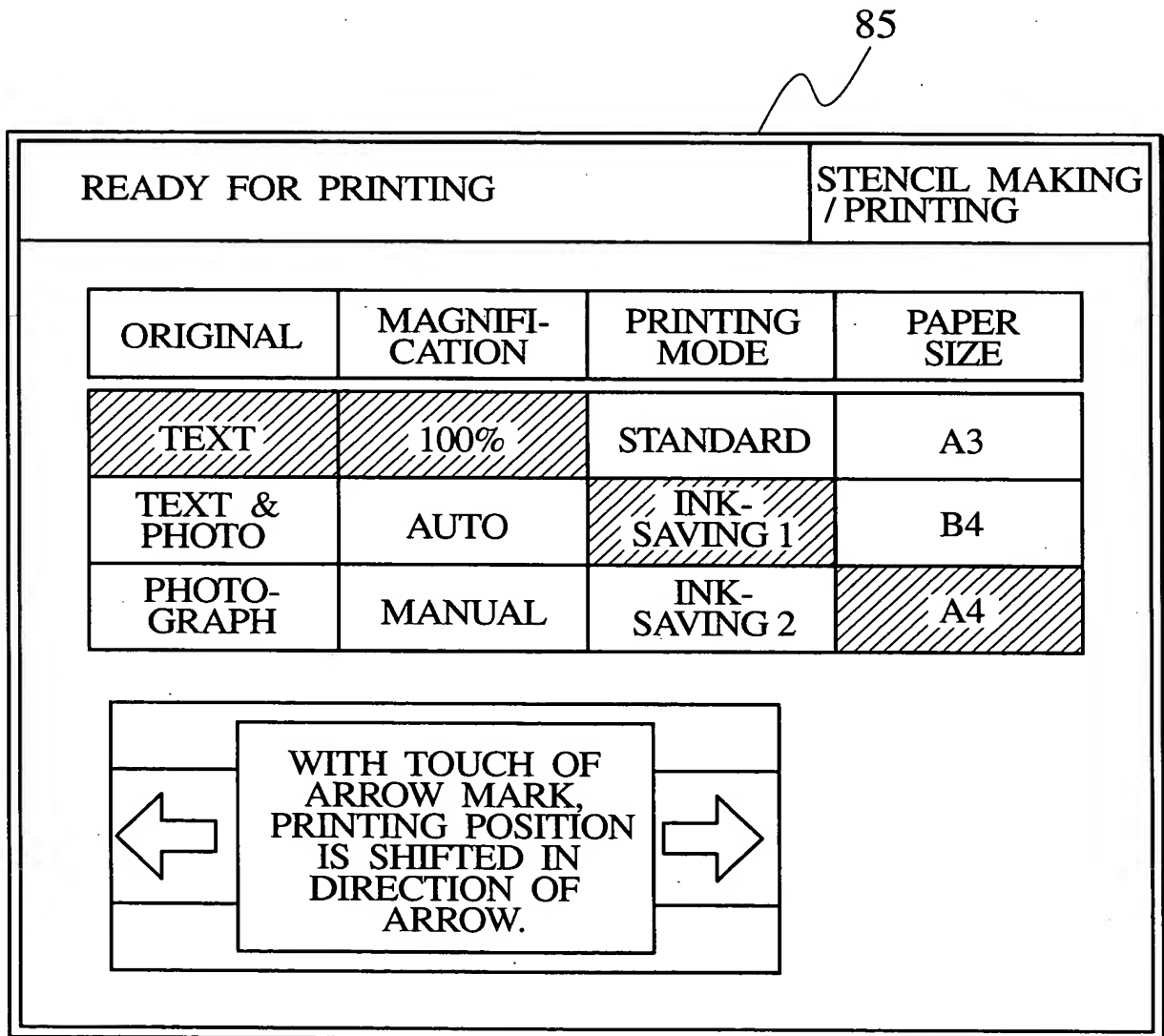
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FIG. 3

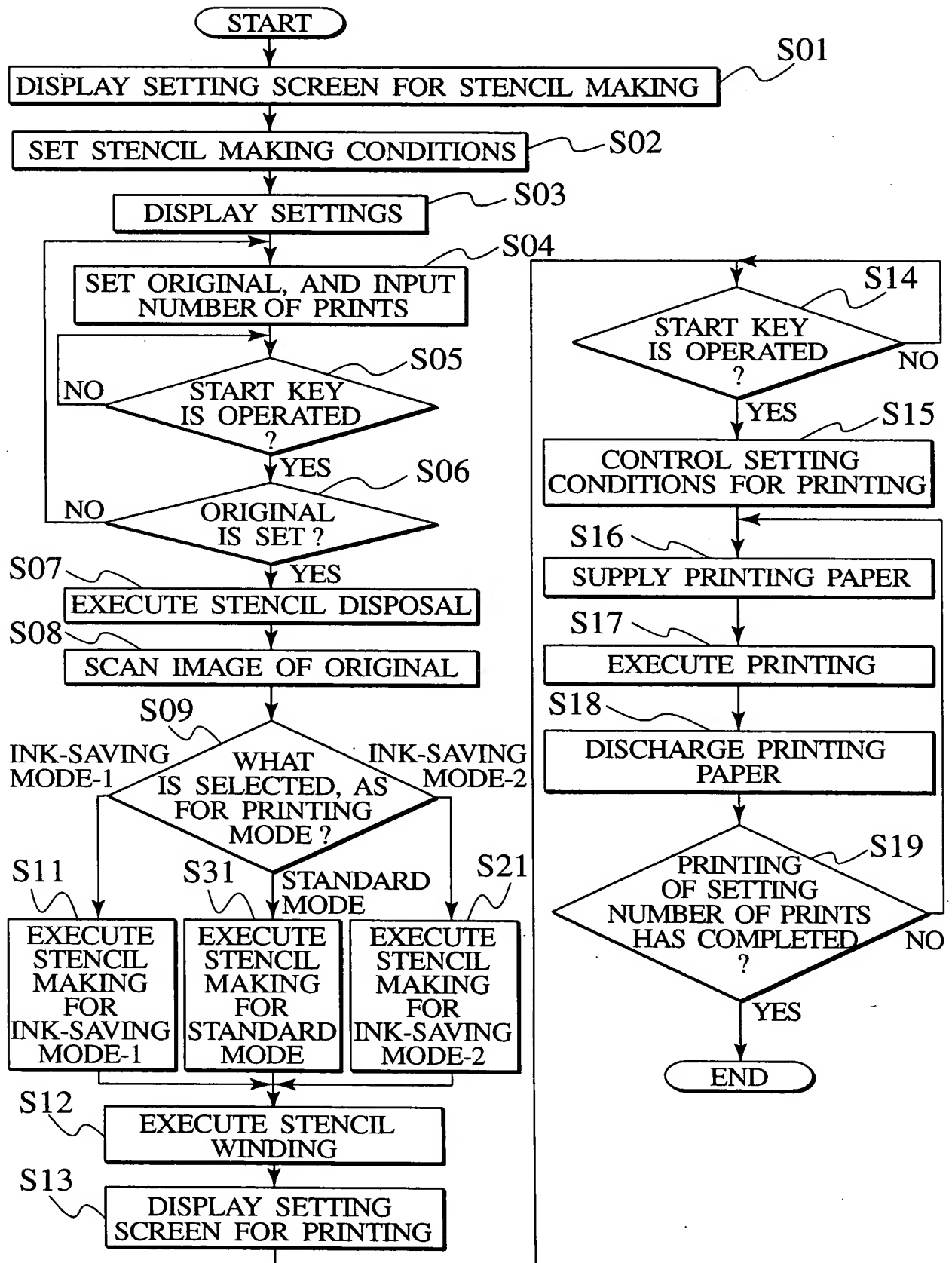


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FIG. 4

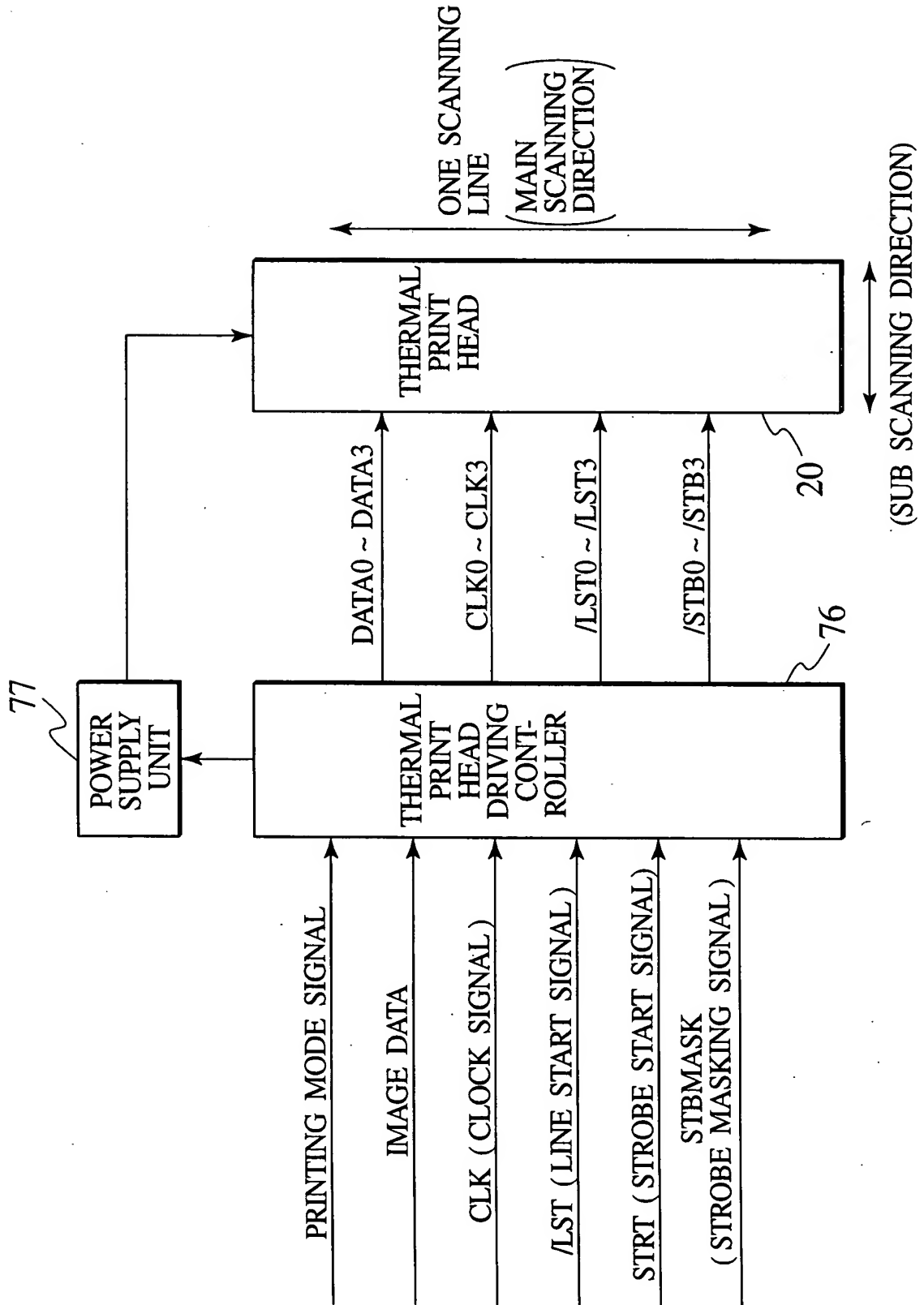


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 FIG. 5



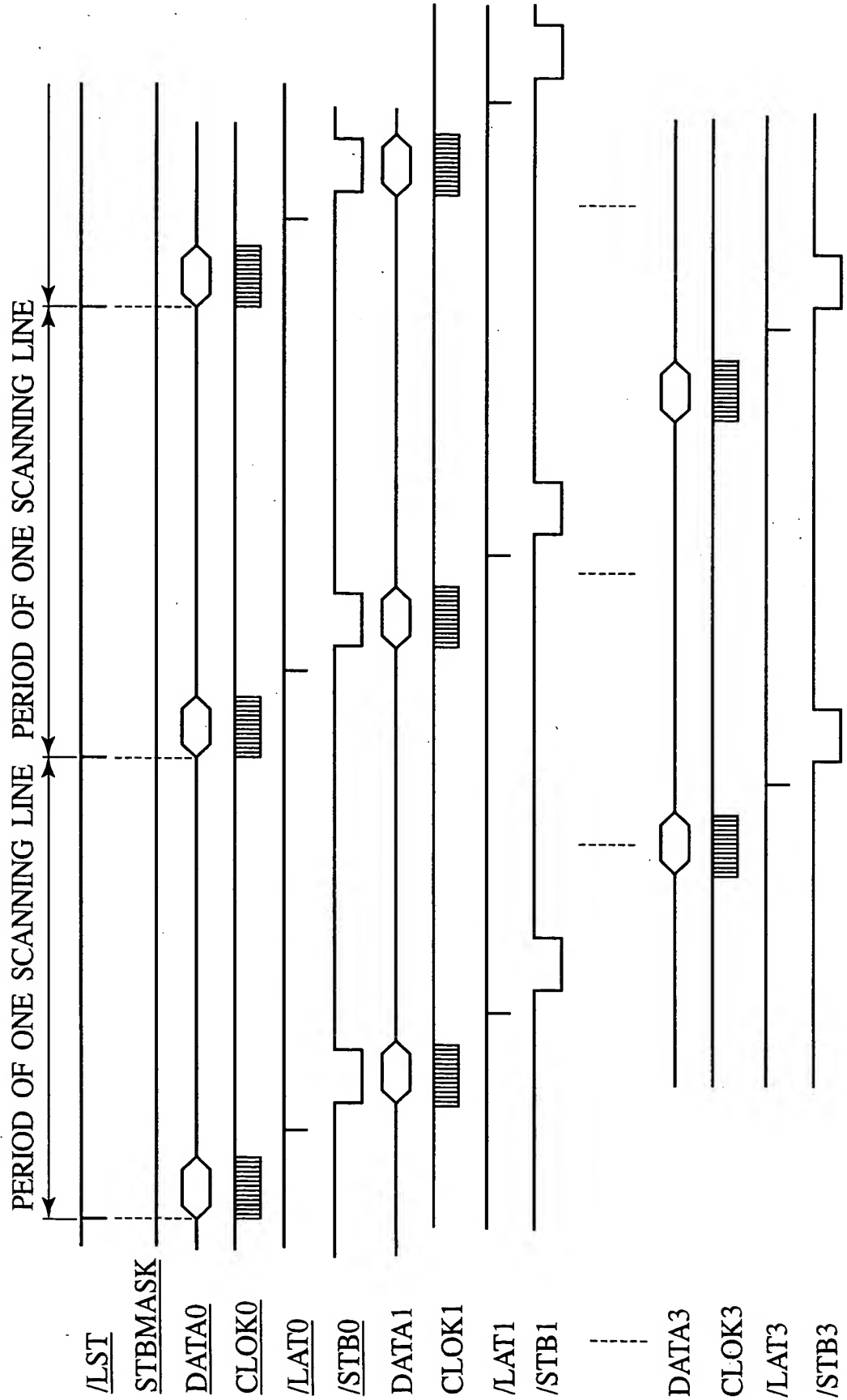
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FIG. 6



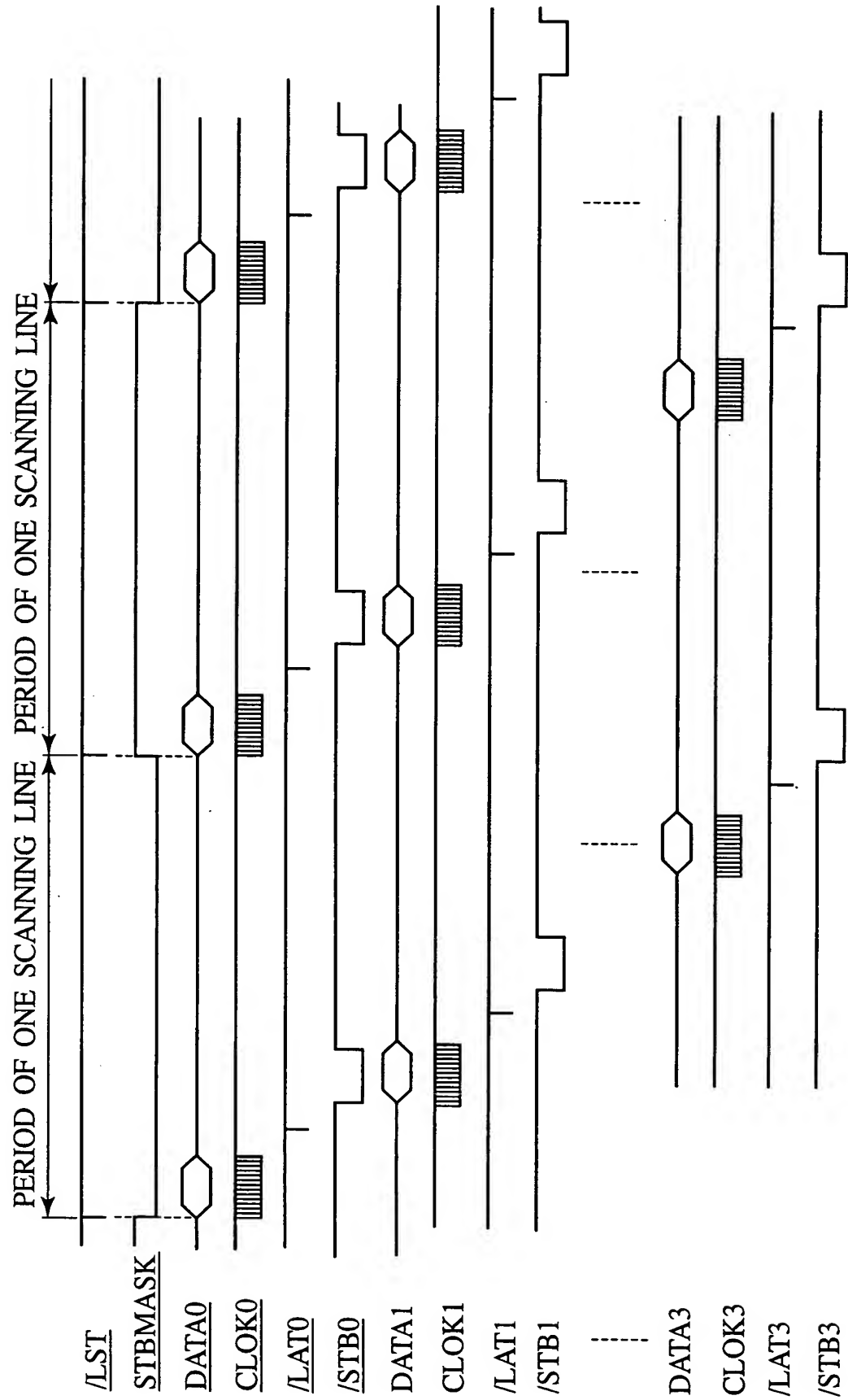
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FIG. 7



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FIG. 8





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FIG. 9

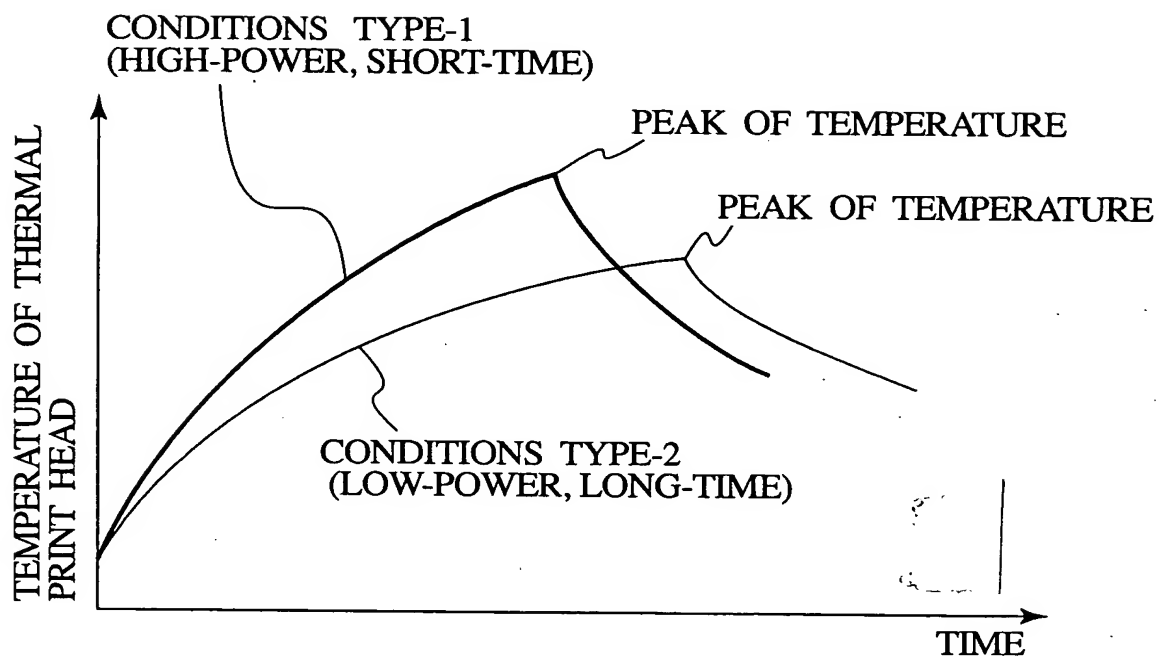
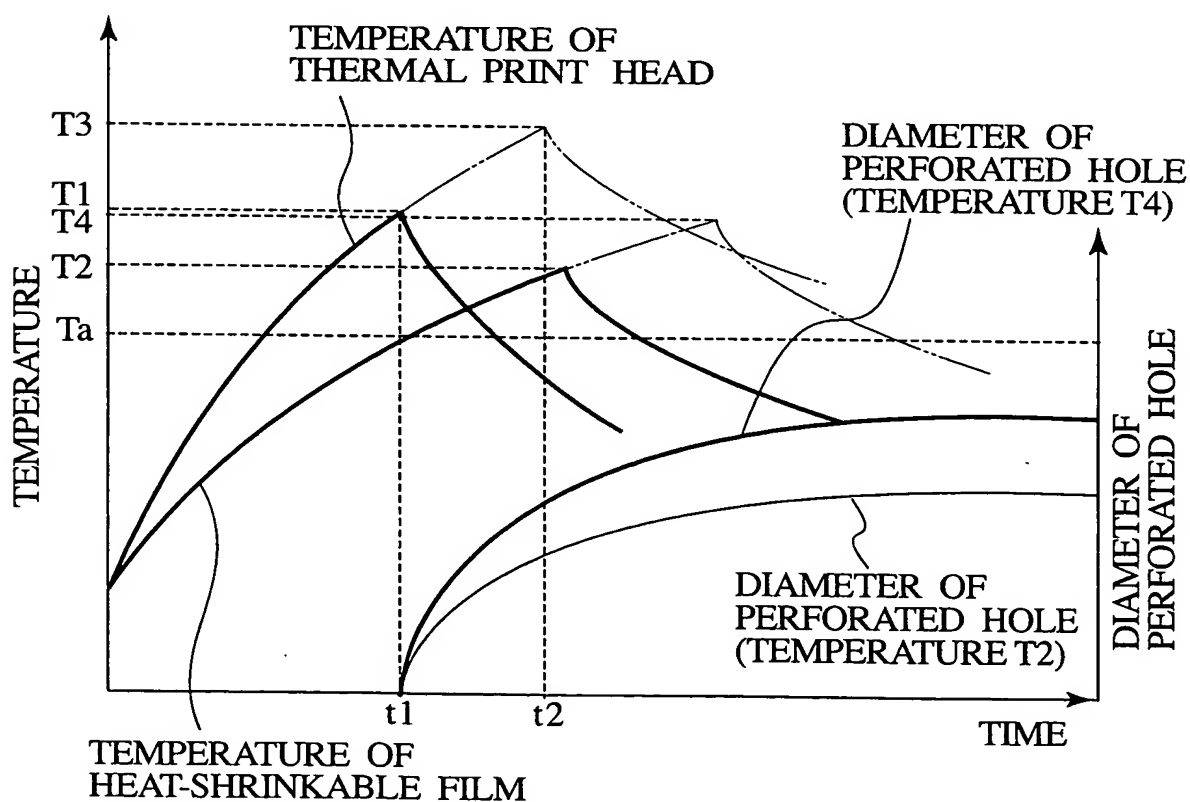
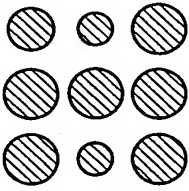
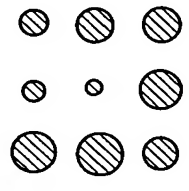
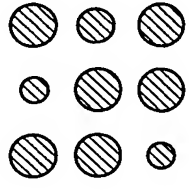


FIG. 10



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FIG. 11

<div> <div></div> <div>STATES OF PERFORATED HOLES</div> </div>	STENCIL MAKING FOR STANDARD MODE	STENCIL MAKING FOR SMALL DIAMETER TYPE-A	STENCIL MAKING FOR SMALL DIAMETER TYPE-B
	IMPRESSED POWER	0.90	0.55
	IMPRESSION TIME	1.00	2.00
	IMPRESSED ENERGY	0.90	1.10
			

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FIG. 12A

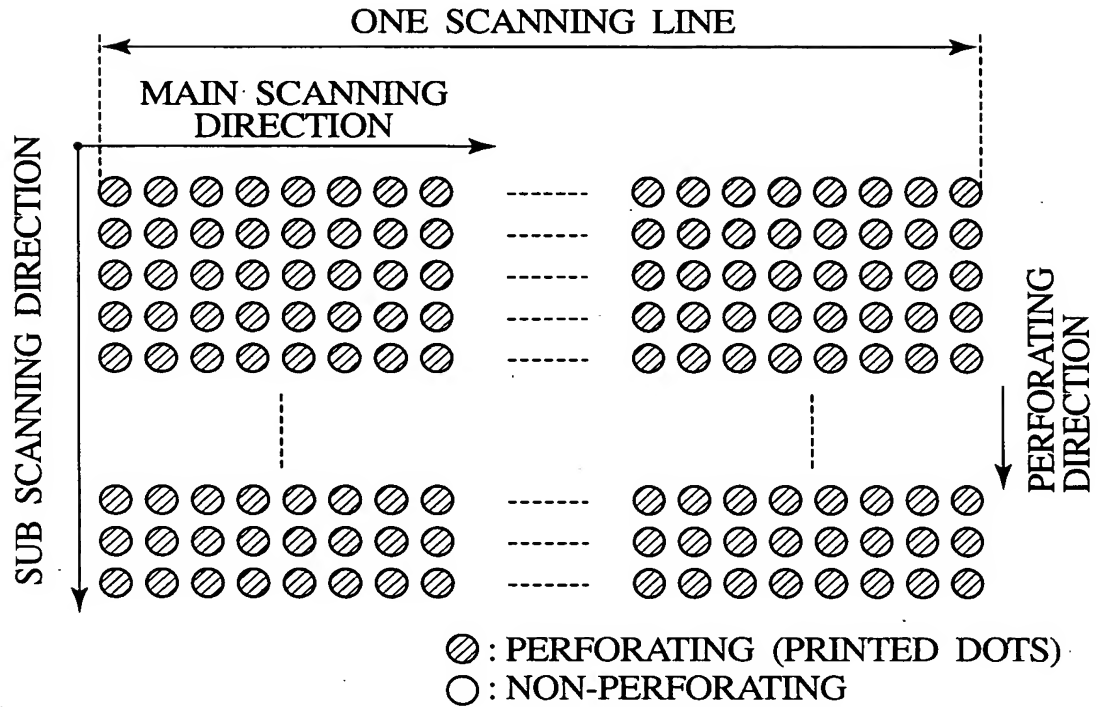
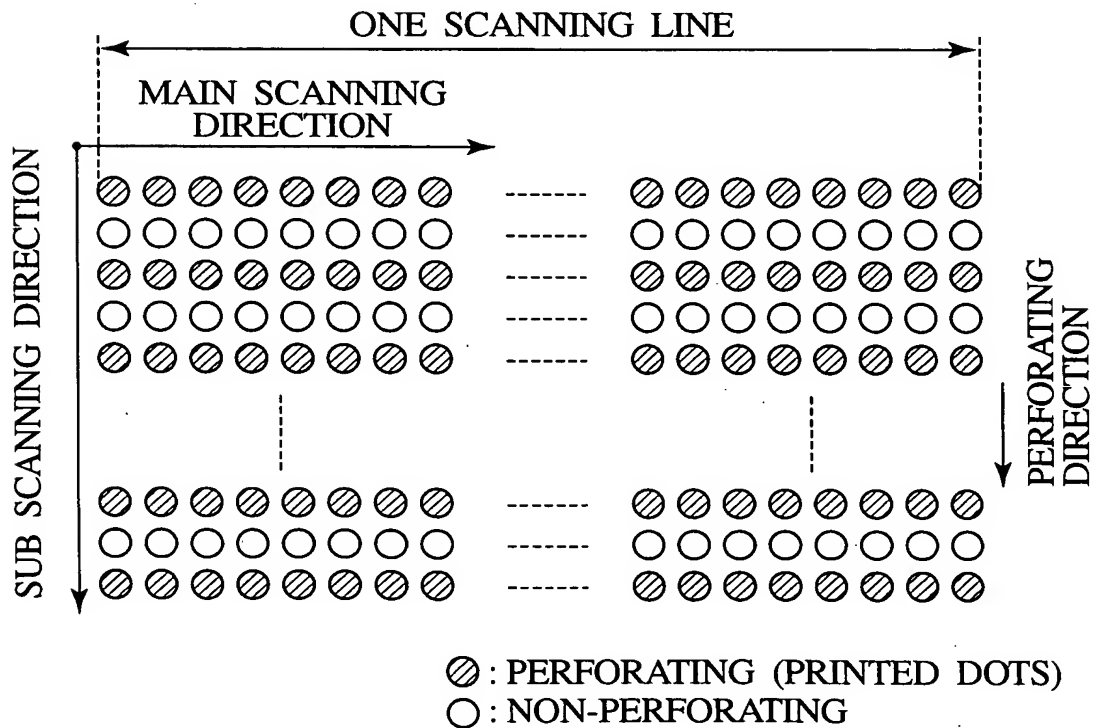


FIG. 12B



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FIG. 13

(B4 SIZE ORIGINAL, 17.3% OF RATE OF PRINTED DOTS,  
 200 SHEETS OF PRINTING)

No.	CONDITIONS FOR DRIVING THERMAL PRINT HEAD				CONDITIONS FOR PRINTING		DIAMETER OF PERFORATED HOLE	INK CONSUMPTION	REMARKS		
	IMPRESSED POWER	IMPRESION TIME	IMPRESSED ENERGY	IMPRESSED PRESSURE	PRINTING FORCE	PRINTING SPEED			STENCIL MAKING	PRESSURE FORCE	PRINTING MODE
1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	STANDARD	STANDARD	STANDARD
2	1.00	1.00	1.00	0.75	1.00	1.00	1.00	0.94	STANDARD	LOW	**
3	0.55	2.00	1.10	1.00	1.00	1.00	0.70	0.81	SMALL DIAMETER	STANDARD	**
4	0.55	2.00	1.10	0.80	1.00	1.00	0.70	0.78	SMALL DIAMETER	LOW	INK-SAVING 1
5	1.22	1.00	1.22	1.00	1.00	1.00	1.00	0.88	THINNING-OUT	STANDARD	**
6	1.22	1.00	1.22	0.75	1.00	1.00	1.00	0.75	THINNING-OUT	LOW	INK-SAVING 2